App No.: Not Yet Assigned Docket No.: 529452002500
Inventor: David W. MORRIS and Marc S. MALANDRO
Title: NOVEL THERAPEUTIC TARGETS IN CANCER

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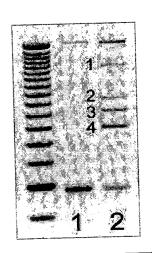


Figure 1

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Figure 2.

Average Ct

Sample

Human Genomic_clontech Malignant mammary adenocarcinoma pleural effusion Mammary ductal carcinoma plueral effusion Mammary ductal carcinoma_human_45537 Mammary ductal carcinoma_human_45523 Mammary ductal carcinoma_human_45535 transformed primary embryonal kidney_human

Housekeeper Target

23,40229767	24.718297	
24.57459367	25.62105175	
23.935565	25.064095	
24.06496275	24.8361145	
24.286542	25.59857167	
24.271219	25.62112767	
24.136573	25.86051867	
K4.1303/3		

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Figure 3.

Target Normalized with Housekeeper

Sample

Human Genomic_clontech (Calibrator)
Malignant mammary adenocarcinoma pleural effusion
Mammary ductal carcinoma plueral effusion
Mammary ductal carcinoma_human _45537
Mammary ductal carcinoma_human_45523
Mammary ductal carcinoma_human_45535
transformed primary embryonal kidney_human

ΔCt	Stdev (△Ct)	
1.69	0.22	
-1.85	0.14	

0.22
0.14
0.24
0.16
0.26
0.18
0.15

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Comparative

Figure 4.

Target Normalized with Housekeeper

Sample				
Human Genomic_clontech (Calibrator)				
Malignant mammary adenocarcinoma pleural				
effusion				
Mammary ductal carcinoma plueral effusion				
Mammary ductal carcinoma_human _45537				
Mammary ductal carcinoma_human_45523				
Mammary ductal carcinoma_human_45535				
transformed primary embryonal				
kidney_human				

∆Ct	Stdev (∆Ct)	ΔΔCt	Stdev (ΔΔCt)	expression level
1.69	0.22	0	0.22	1
-1.85	0.14	-3.54	0.14	11.60
1.12	0.24	-0.57	0.24	1.48
1.02	0.16	-0.67	0.16	1.59
0.49	0.26	-1.20	0.26	2.30
1.03	0.18	-0.66	0.18	1.58
1.81	0.15	0.12	0.15	0.92